

Small Arms...



WHAT IS THE **BEST LUBE** TO USE ON YOUR RIFLE, MACHINE GUN OR PISTOL?

THERE ARE CHOICES BUT SOMETIMES IT'S **DIFFICULT** TO KNOW WHAT'S THE BEST CHOICE. HERE'S...

...YOUR GUIDE TO LUBES

SMALL ARMS LUBRICANTS DIFFER IN **VISCOSITY** (HOW EASILY THEY FLOW), **CHEMICAL COMPOSITION** AND **HEAT RESISTANCE**.

THESE CHARACTERISTICS DICTATE **WHICH** LUBRICANT TO USE DEPENDING ON THE WEAPON AND ENVIRONMENTAL CONDITIONS

YOUR -10 TM IS **ALWAYS** THE **BEST** GUIDE TO CLEANING AND LUBING YOUR WEAPONS, BUT HERE ARE SOME **GENERAL GUIDELINES** ON LUBRICANTS...

RBC
(RIFLE BORE CLEANER)
IS NOT A LUBRICANT.

IT'S **STRICTLY** FOR **CLEANING OUT CARBON AND POWDER** FROM THE CHAMBER AND BORE.

REMEMBER, WHEN YOU'VE FINISHED USING RBC, YOU NEED TO LUBE YOUR WEAPON.

CLP
(CLEANER, LUBRICANT, PRESERVATIVE)
IS USUALLY THE **BEST** CHOICE FOR TAKING CARE OF YOUR WEAPON SINCE IT CLEANS, LUBES AND PRESERVES IN ONE STEP.

CLP AND LSA CAN BE USED ON MOST WEAPONS AS LONG AS THE TEMPERATURE IS -10°F OR HIGHER.

LSA
(LUBRICANT, SEMI-FLUID, AUTOMATIC WEAPONS) AND **LSA-T**
(LUBRICANT, SEMI-FLUID, AUTOMATIC WEAPONS WITH TEFLON®) ARE **STRICTLY LUBRICANTS**.

SO, BEFORE USING THEM YOU MUST FIRST CLEAN YOUR WEAPONS WITH DRY CLEANING SOLVENT, MIL-PRF-680 TYPE II.

ALWAYS DE-GREASE THOROUGHLY WHEN CHANGING LUBES.

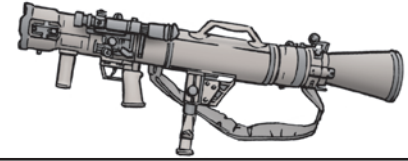
WHEN THE TEMPERATURE DROPS BELOW 10°F, YOU CAN USE **LAW** (LUBRICATING OIL, ARCTIC, WEAPONS).

IF IT'S BELOW -10°F, USE ONLY LAW ON MOST WEAPONS.



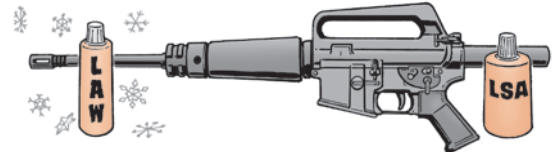
THERE ARE EXCEPTIONS, THOUGH...

...FOR THE **M3 RECOILLESS RIFLE**, USE **ONLY CLP** REGARDLESS OF THE TEMPERATURE.



ON THE **M231 FIRING PORT WEAPON**, **DON'T** USE CLP.

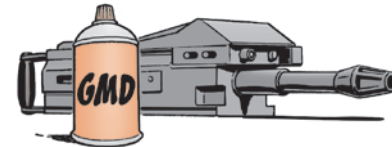
USE **ONLY LSA** IN NORMAL CONDITIONS AND **LAW** IN EXTREME COLD.



FOR THE **MK 19**, **NEVER** USE CLP-IT'S NOT STRONG ENOUGH. USE

GMD

(GREASE, MOLYBDENUM DISULFIDE) IF YOU CAN GET IT.

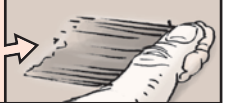


IF YOU CAN'T, USE **LSA** OR **LSA-T**. IF THE TEMPERATURE DROPS BELOW 0°F, IT'S OK TO USE **LAW**.



WHEN YOU'RE LUBING, REMEMBER A **LIGHT LUBE** MEANS A FILM **BARELY VISIBLE** TO THE EYE.

A **HEAVY LUBE** MEANS A FILM THICK ENOUGH TO SPREAD WITH YOUR FINGER.



IF YOU NEED THE NSNS FOR THESE LUBRICANTS AND CLEANERS, SEE YOUR -10 TM OR PAGE 23 IN PS 671 (OCT 08) AT:

<https://www.logsa.army.mil/psmag/archives/PS2008/671/671-23.pdf>

